



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/747,287

Source:

1620

Date Processed by STIC:

11/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/747,287

DATE: 11/10/2003

TIME: 10:58:20

Input Set : A:\300-948600US.txt

Output Set: N:\CRF4\11102003\I747287.raw

3 <110> APPLICANT: KOMORIYA, AKIRA  
 4 PACKARD, BEVERLY S.  
 6 <120> TITLE OF INVENTION: HOMO-DOUBLY LABELED COMPOSITIONS FOR THE DETECTION OF ENZYME  
 7 ACTIVITY IN BIOLOGICAL SAMPLES  
 9 <130> FILE REFERENCE: 300-948600US  
 11 <140> CURRENT APPLICATION NUMBER: 09/747,287  
 12 <141> CURRENT FILING DATE: 2000-12-22  
 14 <150> PRIOR APPLICATION NUMBER: US 09/349,019  
 15 <151> PRIOR FILING DATE: 1999-09-10  
 17 <150> PRIOR APPLICATION NUMBER: US08/802,981  
 18 <151> PRIOR FILING DATE: 1997-02-20  
 20 <150> PRIOR APPLICATION NUMBER: PCT/US00/24882  
 21 <151> PRIOR FILING DATE: 2000-09-11  
 23 <160> NUMBER OF SEQ ID NOS: 242  
 25 <170> SOFTWARE: PatentIn version 3.2  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 9  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Synthetic peptide..  
 36 <220> FEATURE:  
 37 <221> NAME/KEY: misc\_feature  
 38 <222> LOCATION: (5)..(5)  
 39 <223> OTHER INFORMATION: Xaa is norleucine  
 41 <400> SEQUENCE: 1  
 W--> 43 Asp Ala Ile Pro Xaa Ser Ile Pro Cys  
 44 1 5  
 47 <210> SEQ ID NO: 2  
 48 <211> LENGTH: 5  
 49 <212> TYPE: PRT  
 50 <213> ORGANISM: Artificial  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: Synthetic peptide..  
 55 <400> SEQUENCE: 2  
 57 Ile Pro Met Ser Ile  
 58 1 5  
 61 <210> SEQ ID NO: 3  
 62 <211> LENGTH: 4  
 63 <212> TYPE: PRT  
 64 <213> ORGANISM: Artificial  
 66 <220> FEATURE:  
 67 <223> OTHER INFORMATION: Synthetic peptide.

Does Not Comply  
Corrected Diskette Needed

pr 5-7

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PATENT APPLICATION: US/09/747,287

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Input Set : A:\300-948600US.txt

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```

69 <400> SEQUENCE: 3
71 Pro Met Ser Ile
72 1
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 4
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic peptide.
84 <220> FEATURE:
85 <221> NAME/KEY: misc_feature
86 <222> LOCATION: (2)..(2)
87 <223> OTHER INFORMATION: Xaa is norleucine
89 <400> SEQUENCE: 4
W--> 91 Pro Xaa Ser Ile
92 1
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 9
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial
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101 <223> OTHER INFORMATION: Synthetic peptide.
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105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: (5)..(5)
107 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: (8)..(8)
112 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid
114 <220> FEATURE:
115 <221> NAME/KEY: misc_feature
116 <222> LOCATION: (9)..(9)
117 <223> OTHER INFORMATION: Xaa is Cys or Lys
119 <400> SEQUENCE: 5
W--> 121 Asp Ala Ile Pro Xaa Ser Ile Xaa Xaa
122 1 5
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 9
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Synthetic peptide.
134 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
136 <222> LOCATION: (2)..(2)
137 <223> OTHER INFORMATION: Xaa is Met, alpha-aminoisobutyric acid, or Pro
139 <220> FEATURE:
140 <221> NAME/KEY: misc_feature

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## RAW SEQUENCE LISTING

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Input Set : A:\300-948600US.txt

Output Set: N:\CRF4\11102003\I747287.raw

141 <222> LOCATION: (3)..(3)  
 142 <223> OTHER INFORMATION: Xaa is Thr, alpha-aminoisobutyric acid, or Pro  
 144 <220> FEATURE:  
 145 <221> NAME/KEY: misc\_feature  
 146 <222> LOCATION: (8)..(8)  
 147 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 149 <220> FEATURE:  
 150 <221> NAME/KEY: misc\_feature  
 151 <222> LOCATION: (9)..(9)  
 152 <223> OTHER INFORMATION: Xaa is Cys or Lys  
 154 <400> SEQUENCE: 6  
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 157 1 5  
 160 <210> SEQ ID NO: 7  
 161 <211> LENGTH: 9  
 162 <212> TYPE: PRT  
 163 <213> ORGANISM: Artificial  
 165 <220> FEATURE:  
 166 <223> OTHER INFORMATION: Synthetic peptide.  
 169 <220> FEATURE:  
 170 <221> NAME/KEY: misc\_feature  
 171 <222> LOCATION: (2)..(2)  
 172 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid or Ala  
 174 <220> FEATURE:  
 175 <221> NAME/KEY: misc\_feature  
 176 <222> LOCATION: (3)..(3)  
 177 <223> OTHER INFORMATION: Xaa is Thr, alpha-aminoisobutyric acid, or Pro  
 179 <220> FEATURE:  
 180 <221> NAME/KEY: misc\_feature  
 181 <222> LOCATION: (6)..(6)  
 182 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 184 <220> FEATURE:  
 185 <221> NAME/KEY: misc\_feature  
 186 <222> LOCATION: (8)..(8)  
 187 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 189 <220> FEATURE:  
 190 <221> NAME/KEY: misc\_feature  
 191 <222> LOCATION: (9)..(9)  
 192 <223> OTHER INFORMATION: Xaa is Cys or Lys  
 194 <400> SEQUENCE: 7  
**W--> 196 Asp Xaa Xaa Phe Cys Xaa Leu Xaa Xaa**  
 197 1 5  
 200 <210> SEQ ID NO: 8  
 201 <211> LENGTH: 9  
 202 <212> TYPE: PRT  
 203 <213> ORGANISM: Artificial  
 205 <220> FEATURE:  
 206 <223> OTHER INFORMATION: Synthetic peptide.  
 209 <220> FEATURE:

## RAW SEQUENCE LISTING

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Input Set : A:\300-948600US.txt

Output Set: N:\CRF4\11102003\I747287.raw

210 <221> NAME/KEY: misc\_feature  
 211 <222> LOCATION: (2)..(2)  
 212 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid  
 214 <220> FEATURE:  
 215 <221> NAME/KEY: misc\_feature  
 216 <222> LOCATION: (3)..(3)  
 217 <223> OTHER INFORMATION: Xaa is Ser, alpha-aminoisobutyric acid, or Pro  
 219 <220> FEATURE:  
 220 <221> NAME/KEY: misc\_feature  
 221 <222> LOCATION: (5)..(5)  
 222 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 224 <220> FEATURE:  
 225 <221> NAME/KEY: misc\_feature  
 226 <222> LOCATION: (8)..(8)  
 227 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 229 <220> FEATURE:  
 230 <221> NAME/KEY: misc\_feature  
 231 <222> LOCATION: (9)..(9)  
 232 <223> OTHER INFORMATION: Xaa is Cys or Lys  
 234 <400> SEQUENCE: 8  
**W--> 236 Asp Xaa Xaa Arg Xaa Ser Leu Xaa Xaa**  
 237 1 5  
 240 <210> SEQ ID NO: 9  
 241 <211> LENGTH: 9  
 242 <212> TYPE: PRT  
 243 <213> ORGANISM: Artificial  
 245 <220> FEATURE:  
 246 <223> OTHER INFORMATION: Synthetic peptide.  
 249 <220> FEATURE:  
 250 <221> NAME/KEY: misc\_feature  
 251 <222> LOCATION: (2)..(2)  
 252 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid, or Ile  
 254 <220> FEATURE:  
 255 <221> NAME/KEY: misc\_feature  
 256 <222> LOCATION: (3)..(3)  
 257 <223> OTHER INFORMATION: Xaa is Alar, alpha-aminoisobutyric acid, or Pro  
 259 <220> FEATURE:  
 260 <221> NAME/KEY: misc\_feature  
 261 <222> LOCATION: (8)..(8)  
 262 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 264 <220> FEATURE:  
 265 <221> NAME/KEY: misc\_feature  
 266 <222> LOCATION: (9)..(9)  
 267 <223> OTHER INFORMATION: Xaa is Cys or Lys  
 269 <400> SEQUENCE: 9  
**W--> 271 Asp Xaa Xaa Gly Arg Ser Leu Xaa Xaa**  
 272 1 5  
 275 <210> SEQ ID NO: 10  
 276 <211> LENGTH: 8

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/747,287

DATE: 11/10/2003

TIME: 10:58:20

Input Set : A:\300-948600US.txt

Output Set: N:\CRF4\11102003\I747287.raw

277 <212> TYPE: PRT  
 278 <213> ORGANISM: Artificial  
 280 <220> FEATURE:  
 281 <223> OTHER INFORMATION: Synthetic peptide.  
 284 <220> FEATURE:  
 285 <221> NAME/KEY: misc\_feature  
 286 <222> LOCATION: (2)..(2)  
 287 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid  
 289 <220> FEATURE:  
 290 <221> NAME/KEY: misc\_feature  
 291 <222> LOCATION: (3)..(3)  
 292 <223> OTHER INFORMATION: Xaa is Thr, alpha-aminoisobutyric acid, or Pro  
 294 <220> FEATURE:  
 295 <221> NAME/KEY: misc\_feature  
 296 <222> LOCATION: (7)..(7)  
 297 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 299 <220> FEATURE:  
 300 <221> NAME/KEY: misc\_feature  
 301 <222> LOCATION: (8)..(8)  
 302 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 304 <220> FEATURE:  
 305 <221> NAME/KEY: misc\_feature  
 306 <222> LOCATION: (9)..(9)  
 307 <223> OTHER INFORMATION: Xaa is Cys or Lys  
 309 <400> SEQUENCE: 10  
 W--> 311 Asp Xaa Leu Leu Ser Leu Xaa Xaa  
 312 1 5  
 315 <210> SEQ ID NO: 11  
 316 <211> LENGTH: 9  
 317 <212> TYPE: PRT  
 318 <213> ORGANISM: Artificial  
 320 <220> FEATURE:  
 321 <223> OTHER INFORMATION: Synthetic peptide.  
 324 <220> FEATURE:  
 325 <221> NAME/KEY: misc\_feature  
 326 <222> LOCATION: (2)..(2)  
 327 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid, or Gly  
 329 <220> FEATURE:  
 330 <221> NAME/KEY: misc\_feature  
 331 <222> LOCATION: (3)..(3)  
 332 <223> OTHER INFORMATION: Xaa is alpha-aminoisobutyric acid, or Pro  
 334 <220> FEATURE:  
 335 <221> NAME/KEY: misc\_feature  
 336 <222> LOCATION: (8)..(8)  
 337 <223> OTHER INFORMATION: Xaa is Pro or alpha-aminoisobutyric acid  
 339 <220> FEATURE:  
 340 <221> NAME/KEY: misc\_feature  
 341 <222> LOCATION: (9)..(9)  
 342 <223> OTHER INFORMATION: Xaa is Cys or Lys

*Leu is at location 3*  
*Xaa is Thr, alpha-aminoisobutyric acid, or Pro*  
*Xaa is Cys or Lys*  
*? only 8 amino acids in the sequence*

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 11/10/2003

PATENT APPLICATION: US/09/747,287

TIME: 10:58:21

Input Set : A:\300-948600US.txt

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 5  
Seq#:4; Xaa Pos. 2  
Seq#:5; Xaa Pos. 5, 8, 9  
Seq#:6; Xaa Pos. 2, 3, 8, 9  
Seq#:7; Xaa Pos. 2, 3, 6, 8, 9  
Seq#:8; Xaa Pos. 2, 3, 5, 8, 9  
Seq#:9; Xaa Pos. 2, 3, 8, 9  
Seq#:10; Xaa Pos. 2, 7, 8  
Seq#:11; Xaa Pos. 2, 3, 8, 9  
Seq#:12; Xaa Pos. 2, 3, 8, 9  
Seq#:13; Xaa Pos. 2, 3, 8, 9  
Seq#:14; Xaa Pos. 2, 3, 8, 9  
Seq#:15; Xaa Pos. 2, 3, 8, 9  
Seq#:16; Xaa Pos. 2, 3, 8, 9  
Seq#:17; Xaa Pos. 2, 3, 8, 9  
Seq#:18; Xaa Pos. 2, 3, 8, 9  
Seq#:19; Xaa Pos. 2, 3, 7, 8, 9  
Seq#:20; Xaa Pos. 2, 3, 8, 9  
Seq#:21; Xaa Pos. 2, 3, 8, 9  
Seq#:22; Xaa Pos. 2, 3, 8, 9  
Seq#:23; Xaa Pos. 2, 3, 8, 9  
Seq#:24; Xaa Pos. 2, 3, 8, 9  
Seq#:25; Xaa Pos. 2, 3, 8, 9  
Seq#:26; Xaa Pos. 2, 3, 8, 9  
Seq#:27; Xaa Pos. 2, 3, 8, 9  
Seq#:28; Xaa Pos. 2, 3, 8, 9  
Seq#:29; Xaa Pos. 2, 3, 8, 9  
Seq#:30; Xaa Pos. 2, 3, 8, 9  
Seq#:31; Xaa Pos. 2, 3, 8, 9  
Seq#:32; Xaa Pos. 2, 3, 8, 9  
Seq#:33; Xaa Pos. 2, 3, 8, 9  
Seq#:34; Xaa Pos. 2, 3, 8, 9  
Seq#:46; Xaa Pos. 6  
Seq#:48; Xaa Pos. 4  
Seq#:49; Xaa Pos. 4  
Seq#:51; Xaa Pos. 4, 14  
Seq#:52; Xaa Pos. 4, 14, 16  
Seq#:53; Xaa Pos. 4, 6, 15  
Seq#:54; Xaa Pos. 4  
Seq#:55; Xaa Pos. 13  
Seq#:56; Xaa Pos. 4, 14, 16  
Seq#:57; Xaa Pos. 4, 14  
Seq#:58; Xaa Pos. 4, 7, 14  
Seq#:59; Xaa Pos. 4, 6, 9, 14

**RAW SEQUENCE LISTING ERROR SUMMARY**  
**PATENT APPLICATION: US/09/747,287**DATE: 11/10/2003  
TIME: 10:58:21Input Set : A:\300-948600US.txt  
Output Set: N:\CRF4\11102003\I747287.raw

Seq#:60; Xaa Pos. 4,14  
Seq#:61; Xaa Pos. 4,14  
Seq#:62; Xaa Pos. 4,14  
Seq#:63; Xaa Pos. 4,14  
Seq#:64; Xaa Pos. 4,14  
Seq#:65; Xaa Pos. 4,5,14,15  
Seq#:66; Xaa Pos. 4,14

**Invalid <213> Response:**

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51  
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75  
Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99  
Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117  
Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135  
Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153  
Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171  
Seq#:172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189  
Seq#:190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207  
Seq#:208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225  
Seq#:226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242



## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/747,287

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Input Set : A:\300-948600US.txt

Output Set: N:\CRF4\11102003\I747287.raw

L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:631 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:876 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:1016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:1086 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:1121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:1156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:1330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0  
L:1364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:1388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:1431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0  
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0  
L:1519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0  
L:1543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0  
L:1577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0  
L:1602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
L:1636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:1675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:1762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0  
L:1791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0

VERIFICATION SUMMARY

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Input Set : A:\300-948600US.txt

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L:1820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0

L:1849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0